

2007 ANNUAL INDEX

AUTHORS

Abdelkafy WM, 618

Aita M, 100
Alexander AAZ, 658
Alipour F, 135
Allen B, 161
Almand K, 695
Alper CM, 69
Altman KW, 229
Amin M, 1, 639
Amini K, 324
Anari S, 112
Anderson RR, 317 (letter to editor);
suppl 198; 853, 917
Angeli S, 667
Anthony R, 793
Araki K, 115
Arii S, 342
Arndt S, 257
Aschendorff A, 257
Attia A, 402
Aujla PK, 389
Ayala MA, 262

Bach KK, 262

Baglam T, 827
Bahmad F Jr, 181
Banks J, 69
Barlani F, 100
Bauman NM, 363
Baumgartner W-D, 498
Bayazit Y, 827
Baylor C, 695
Becker SS, 286
Behrman A, 160 (book review)
Belafsky PC, 399
Bent JP, 160 (book review)
Bento RF, 30
Berçin AS, 550
Berke GS, 85, 866
Berry DA, 866
Bertholon P, 195
Berto A, 407
Bhattacharyya N, 49, 491
Bielamowicz SA, 211
Biswas D, 902
Björck G, 623
Bleier BS, 837
Bless DM, 156, 411, 785
Blitzer A, suppl 198
Blumin JH, 375, 643, 934
Bovo R, 407
Bowman J, 514
Brandão AL, 30
Branski R, 358
Brasnu D, 832
Brenner MJ, 882
Brigham KL, 618
Broadhurst MS, 917
Brodsky L, 571

Broniatowski M, 145
Brook I, 386
Brookes JT, 363
Brown LF, 430
Brunsden B, suppl 197
Brydges R, 819
Burns JA, 317 (letter to editor);
853, 917
Butler SG, 582

Cakmak O, 906

Caliskaner Z, 425
Cankurtaran M, 906
Carding P, 24, 717
Casselbrant ML, 653
Catalano PJ, 647
Çelik H, 906
Chae SW, 235, 554, 599
Chen JM, 819
Chen K-H, 471
Chhetri DK, 85, 866
Chiba S, 842
Chiu C-H, 271
Chiu J-F, 11
Choo D, 812
Christenson T, 319
Chuang H-C, 11
Chung D, 462
Chung Y-S, 199
Ciiorba A, 407
Cleveland TF, 402
Cognetti D, 319
Cohen JT, 81
Cohen SM, 402
Cole SM, 589
Collin RWJ, 349
Collins SL, 882
Connell S, 667
Cordes SR, 663
Coşkun M, 906
Cotton RT, 169
Creighton J, 812
Cremers CWRJ, 349
Crumley RL, 891
Cruysberg JRM, 349
Cuddy LD, 49
Cunningham JJ, 582
Cupp CL, 589
Curry J, 319
Curtin H, 532

Dailey SH, 411

Dan O, 449
Daniilidou P, 717
Daudia A, 902
Davilis DI, 107
Davis MV, 643
Daza R, 779
Deary V, 717

De Foer B, 705
Deguchi S, 128, 687
de Monès E, 832
DeRowe A, 81
de Ru JA, 248
Deutsch ES, 319
Dhong H-J, 76
Dixit D, 319
Dolan R, 647
Doshi J, 112
Dowdy E, 36
Doyle WJ, 69
Drazba JA, 449
Drinnan M, 717
Dubey SP, 723
Dubreuil C, 195
Dubrowski A, 793, 819
Durucu C, 827

Eadie TL, 695

Eddington DK, 731
Edwards J, 211
Eisler LS, 278
Elluru RG, 436
Elmaraghy CA, 192

Feldberg E, 713

Feldman EL, 441
Felipovich A, 169
Fenton JE, 92
Ferlito A, 502
Fernandez E, 491
Finley CC, suppl 197
Finnegan E, 135
Fitzgerald DC, 253
Fliss DM, 81
Floyd L, 882
Folkman J, 430
Ford CN, 411
Fowler LP, 739
Frank DK, 324
Frazier S, 702
Frenz DA, 398 (book review)
Fried MP, 398 (book review)
Friedman AD, 449
Friedman M, 805
Fries GA, 712 (book review)
Fujimoto C, 631, 897
Fukuda S, 297, 674
Fung K, 441
Furman JM, 653
Furukawa M, 754
Furuta Y, 297, 674

Gandhi M, 514

Gantz BJ, 873 (memorial)
Garcia R, 418
Garcia-Berrolcal JR, 779
Garrett CG, 402

- Gaughan JP, 206
 Gaziano J, 525
 Georgiou LG, 107
 Gibson B, 667
 Goding G, 278
 Golub JS, 618
 Gross CW, 286
 Grundfest-Broniatowski S, 145
 Gurpinar B, 805
 Gutmark E, 217
 Guyot J-P, 369
- Hadzilia SJ, 107**
 Haines GK III, 229
 Halperin D, 713
 Halpin C, 532
 Halum SL, 582
 Han D, 576
 Han JK, 286
 Hans S, 832
 Harker LA, 880 (Annals Classic)
 Hartl DM, 832
 Hasegawa K, 342
 Hattori T, 471
 Häusler R, 887
 Healy GB, 430
 Heaton JT, 853
 Heavner SB, 441
 Hekiart AM, 312, 799
 Henriquez OA, 618
 Hewitt KM, 928
 Hidaka M, 471
 Hidir Y, 425
 Higgins NP, 871 (book review)
 Hildreth A, 559
 Hillman RE, 317 (letter to editor);
 suppl 198
 Hirano S, 290, 762, 847
 Hirsch S, 702
 Hizal E, 906
 Hobbs M, 928
 Hockstein NG, 19
 Hoefsloot LH, 349
 Hoffman H, 874 (memorial)
 Hogikyan ND, 441
 Holden PK, 891
 Holden TA, suppl 197
 Holinger LD, 329
 Holt JJ, 457
 Hoshino T, 842
 Hou L, 576
 Hsiao Y-C, 123
 Hsieh W-Y, 271
 Hullah TE, suppl 197
 Hummel T, 498
 Hung C-C, 123
 Husband DJ, 92
 Huygen PLM, 349
 Hwang SJ, 235, 554, 599
 Hwang SY, 381
 Hydman J, 623
- Ikeda T, 128**
 Imamura R, 462
 Innis WP, 532
 Isaacson G, 243
 Ishimaru T, 335
- Ishimaru Y, 687
 Ishimoto S, 520, 631
 Ito J, 762, 847
 Ito K, 520, 631, 897
 Itoh T, 297
 Iwasaki S, 631, 897
- Jacob A, 922**
 Jacobson BH, 402
 Jaiswal S, 135
 Jamison RN, 491
 Jang YJ, 199
 Janot F, 832
 Jaradeh S, 375, 643
 Jeon YK, 76
 Jeong W-J, 770
 Johns MM, 618
 Johnston N, 934
 Jones AS, 92
 Jones NS, 902
 Jones TM, 92
 Joseph NJ, 805
 Jung H-H, 235
- Kanemaru S, 762, 847**
 Kang DR, 192
 Kang HJ, 554
 Kang JS, 599
 Kanlikama M, 827
 Karapinar U, 542
 Karatas E, 827
 Karino S, 520, 897
 Karkos PD, 24
 Kataoka H, 342
 Kayser G, 265
 Keller K, 36
 Ketelslagers K, 705
 Khatib S, 498
 Khosla S, 217
 Kim HY, 554
 Kim KH, 770
 Kim K-M, 599
 Kim SW, 76
 Kitamura M, 290
 Kitano H, 342
 Klein MJ, 922
 Kobayashi T, 681
 Kobler JB, 853, 917
 Kochba A, 7
 Kokalis N, 565
 Kondo S, 754
 Konrad A, 702
 Kos MI, 369
 Koshkareva Y, 206
 Koufman JA, 45; 317 (letter to editor)
 Kraus M, 7
 Kremer H, 349
 Kruse E, 594
 Kutluhan A, 550
 Kwon T-K, 770
- Lahav J, 713**
 Laskawi R, 594
 Lee B-J, 199
 Lee DJ, 532
 Lee H-M, 235, 554, 599
 Lee JC, 199
- Lee K-S, 271
 Lee SH, 554
 Levine MS, 837
 Lewis V, 525
 Li PMMC, 731
 Liaw S-F, 271
 Liess BD, 702
 Lima AdS, 30
 Lin C-C, 271
 Lin H-C, 805
 Ling Z-Q, 471
 Liu G, 430
 Liu H, 66
 Lockey RF, 525
 Lopez-Guerra G, 853
 Lorenz RR, 449
 Lorenzi C, 30
 Louizos AA, 107
- Maddalozzo J, 329**
 Maier W, 257
 Maisel R, 278
 Malloy K, 319
 Manaligod JM, 363
 Mandel EM, 653
 Mandel J, 312
 Maronian N, 695
 Martin C, 195
 Martini A, 407
 Matsui O, 754
 Matsuzaki Y, 128
 Mattsson P, 623
 McCabe BF, 875, 880 (Annals Classic)
 McElveen JT Jr, 667
 McGill TJ, 430
 McGuire JF, 253
 McKinney K, 837
 McLaurin C, 358
 Medina JE, 241
 Meinzen-Derr J, 812
 Mendelsohn AH, 85
 Merati AL, 375, 643, 934
 Merchant SN, 181, 532
 Merrill RM, 161, 858
 Mesallam TA, 436
 Mick R, 799, 837
 Miller RH, 241
 Min J-Y, 76
 Min Y-G, 76
 Mirza N, 312, 799, 837
 Misono S, 49
 Mitzner R, 571
 Molumi CP, 723
 Morikawa M, 681
 Moritani S, 290
 Moro K, 115
 Morris LG, 639
 Morris RJ, 739
 Mu L, 604
 Mueller CA, 498
 Mukaisho K, 471
 Muñoz AA, 49
 Muroso S, 754
 Muruguppan S, 217
- Nadol JB Jr, 532, 731**
 Nagahara K, 290

- Nakajima HH, 532
 Nakamura T, 762
 Nakamura Y, 674
 Nakashima T, 747
 Naumann IC, 663
 Neely JG, suppl 197
 Neubauer J, 866
 Nguyen CT, 525
 Nguyen T-A, 286
 Nicolici C, 695
 Noordzij JP, 402

Ochiai Y, 342
 Odland R, 658
 Oestreicher-Kedem Y, 81
 Officiers E, 705
 Ohno T, 762
 Oikawa K, 297, 674
 Okamoto M, 842
 Old M, 441
 Olthoff A, 594
 O'Malley BW, 19
 Oridate N, 297, 674
 Ortoe R, 407
 Ossoff RH, 402
 Otto BA, 922
 Ow T, 712 (book review)
 Ozdek A, 667
 Ozkur A, 827

Padhya TA, 525
 Panizza B, 514
 Patel AA, 278, 658
 Patterson JM, 559
 Patterson MB, 262, 589
 Pauw RJ, 349
 Payne SC, 647
 Peña MT, 389
 Pfeiffer J, 265
 Postma GN, 1, 45, 582
 Pouget J-F, 195
 Powell SA, 525
 Powitzky ES, 418
 Powitzky R, 418
 Przygodzki R, 389

Radosevich JA, 229
 Rafferty M, 92
 Rahbar R, 430
 Ramírez-Camacho R, 779
 Rawi TA, 36
 Redfern MS, 653
 Redfield RC, 887
 Rees CJ, 45, 399
 Remahl S, 623
 Richter B, 257
 Ridder GJ, 265
 Rinaldo A, 502
 Robinson B, 319
 Roccaforte JD, 639
 Rodriguez KH, 399
 Rojas M, 618
 Romanow J, 647
 Rose MC, 389
 Rosen CA, 1
 Rosowski JJ, 532
 Roth CR, 399

 Roy N, 161, 858
 Rubesin SE, 837
 Rubin AD, 441

Sack SZ, 837
 Saigusa H, 842
 Saito K, 115
 Samanta EG, 107
 Samowitz W, 928
 Sanada J, 754
 Sanchez TG, 30
 Sanders I, 604
 Sandler AD, 363
 Saracli MA, 425
 Sato K, 747
 Savastano M, 100
 Saxon EA, suppl 197
 Schalch P, 805
 Scherer R, 217
 Schiff BA, 712 (book review)
 Schmidt-Gräff A, 257
 Schutte HK, 172
 Searl J, 36, 204
 Sechtem PR, 36
 Segal A, 7
 Segal K, 169
 Segal N, 7
 Sengul A, 425
 Sennes LU, 462
 Shapiro J, 49
 Sharma PK, 928
 Shaw GY, 36
 Shen S-Y, 271
 Shim WS, 76
 Shimizu Y, 754
 Shiotani A, 115
 Shkolnik M, 7
 Silverman M, 647
 Simpson CB, 1, 358
 Siricki A, 827
 Skinner MW, suppl 197
 Skoulakis C, 565
 Smith JQ, 618
 Smith MC, 363
 Smith ME, 161
 Smith RJH, 363; 871 (book review);
 873 (memorial)
 Snyder W, 19
 Sobeih TM, 436
 Soliman AMS, 206
 Solomon D, 243
 Somdas MA, 731
 Somers T, 705
 Song J-J, 235
 Song YJ, 199
 Sonmezisik S, 827
 Sparto PJ, 653
 Šram F, 172
 Stavroulaki P, 565
 Stemple J, 436, 858
 Stern Y, 169
 Stewart MG, 402
 Strome M, 449
 Su C-Y, 11
 Su W-F, 123
 Suehiro A, 762, 847
 Sulica L, 160, 871 (book reviews); 358

 Sun Y, 66
 Sung M-W, 85, 770
 Surles RL, 785
 Suzuki M, 842
 Suzuki T, 342
 Švec JG, 172
 Svensson M, 62

Tabata Y, 762
 Takagita S, 290
 Takahashi H, 681
 Takanaka T, 754
 Takano S, 897
 Tamura Y, 762
 Tan KK, 381
 Tang L, 66
 Tanna N, 192, 211, 278
 Tanumihardjo S, 785
 Taplin MA, 793
 Tarjan G, 229
 Tateya I, 156, 785
 Tateya T, 156, 785
 Taylor MB, 891
 Temmel AFP, 498
 Terayama N, 754
 Teszler CB, 265
 Theos E, 565
 Thomas L, 858
 Till JA, 891
 Toohill RJ, 375, 934
 Torgerson CS, 819
 Tosun F, 425
 Tringali S, 195
 Trinidad A, 779
 Tsai S-S, 11
 Tseng J, 375
 Tsuji DH, 462
 Tsuji S, 847
 Tucker HM, 145
 Tyler DJ, 145

Umeda H, 762
 Ural A, 550

Valagianis D, 565
 Van De Water TR, 667
 van der Steenstraten F, 248
 Vargas SO, 430
 Veelken H, 257
 Verdaguer JM, 779
 Vibert D, 887
 Vicente J, 779
 Voie AH, suppl 197
 Vokes DE, 891

Wakisaka N, 754
 Wall C III, 369
 Waltonen JD, 229
 Wang Y-P, 271
 Warman M, 713
 Wasan A, 491
 Washio S, 687
 Watabe K, 115
 Watson AM, 389
 Waugh P, 695
 Weinstein GS, 19
 Weiss T, 483

Welham NV, 411
 Welling DB, 922
 Wells CW, 934
 Welsh JJ, 637 (commentary)
 Welsh LW, 281; 637 (commentary)
 Whiting BR, suppl 197
 Wiet GJ, 192
 Wiley S, 812
 Wilson J, 24, 559, 717
 Witkamp TD, 248
 Won TB, 76
 Woo JS, 235, 554, 599
 Woodson G, 57, 483

Xu J, 618
 Xu W, 576

Yamamoto G, 471
 Yamashita M, 762, 847
 Yates PD, 24
 Ye M, 866
 Yetiser S, 542
 Yoshida H, 681
 Yoshizaki T, 754
 Yuksel S, 69
 Yurttaş V, 550

Zalzal GH, 389
 Zarowski A, 705
 Zeitels SM, 317 (letter to editor); 479; suppl 198; 853, 917
 Zhai L, 66
 Zhang L, 576
 Zhao G, 576
 Zimbler MS, 712 (book review)
 Zirkle M, 793
 Zitsch RP III, 702
 Zodpe P, 599
 Zoumalan R, 329, 639
 Zudaire E, 389

SUBJECTS

Abduction

Arytenoid abduction for dynamic rehabilitation of bilateral laryngeal paralysis, 483

Achalasia

Myosin heavy chain composition and fiber size of cricopharyngeus muscle in patients with achalasia and normal subjects, 643

Acoustic rhinometry

Acoustic rhinometry in healthy humans: accuracy of area estimates and ability to quantify certain anatomic structures in nasal cavity, 906

Adductor spasmodic dysphonia

Effect of experience on judgments of adductor spasmodic dysphonia, 695
 Long-term botulinum toxin dose consistency for treatment of adductor spasmodic dysphonia, 891

Adenoid

Relationship between sinusitis and adenoid size in pediatric age group, 550

Aging

Age-related changes in murine larynx: initial validation of mouse model, 618
 Dysphagia in elderly: preliminary evidence of prevalence, risk factors, and socioemotional effects, 858

Air-bone gap

Clinical investigation and mechanism of air-bone gaps in large vestibular aqueduct syndrome, 532

Airway

Role of vascular endothelial growth factor A in children with acquired airway stenosis, 430

Allergy

Effects of corticosteroids on expression of interleukin-18 in airway mucosa of mouse model of allergic rhinitis, 76
 Up-regulation of protease-activated receptor 2 in allergic rhinitis, 554

Alström syndrome

Alström syndrome: progressive deafness and blindness, 281

American Board of Otolaryngology

Editorial. Maintenance of certification: update, 241

Anastomosis

Hypoglossal-facial nerve anastomosis: meta-analytic study, 542

Angiofibroma

Critical look at surgical approaches of nasopharyngeal angiofibroma excision and "total maxillary swing" as possible alternative, 723

Transoral "adenoidectomy" excision of juvenile nasopharyngeal angiofibromas, 243

Annals Classics

Autoimmune sensorineural hearing loss, 875
 Vascular loop as cause of vertigo, 880

Anterior commissure

Upper displacement of anterior commissure: experimental study of new phonosurgical approach to raising vocal pitch, 462

Anticoagulation

Tonsillectomy in anticoagulated patient, 589

Anxiety

Association of anxiety and depression with reported disease severity in patients undergoing evaluation for chronic rhinosinusitis, 491

Arytenoid

Arytenoid abduction for dynamic rehabilitation of bilateral laryngeal paralysis, 483
 Development of endoscopic arytenoid adduction using cricoid implant, 770

Aspergillosis

Invasive tracheal aspergillosis treated successfully with voriconazole: clinical report and review of literature, 713

Asymmetric hearing loss

Asymmetric hearing loss in random population of patients with mild to moderate sensorineural hearing loss, 7

Auditory Skills Checklist

Auditory Skills Checklist: clinical tool for monitoring functional auditory skill development in young children with cochlear implants, 812

Autophonia

Successful treatment of autophonia with botulinum toxin: case report, 594

Balance

Contribution of vision to balance in children four to eight years of age, 653

Basal cell carcinoma

Giant basal cell carcinoma of forehead with extensive intracranial involvement, 663

B-cell lymphoma

Multifocal extranodal mucosa-associated lymphoid tissue lymphoma affecting larynx, 257

Benign lesion

Noninvasive assessment of benign lesions of vocal folds by

- means of ultrasonography, 827
- Benign paroxysmal positional vertigo**
 - Benign paroxysmal positional vertigo in mountain bikers, 887
- Beta defensin**
 - Differential expression of human beta defensin 2 and human beta defensin 3 in human middle ear cholesteatoma, 235
- Bilobed Zenker's diverticula**, 278
- Biopsy**
 - Multilevel esophageal biopsy in children with airway manifestations of extraesophageal reflux disease, 571
- Blindness**
 - Alström syndrome: progressive deafness and blindness, 281
- Blunt trauma**
 - Endoscopic management of blunt pediatric laryngeal trauma, 192
- Bone**
 - Analysis of intracochlear new bone and fibrous tissue formation in human subjects with cochlear implants, 731
 - Correlation of bone SPECT scintigraphy with histopathology of ethmoid bulla: preliminary investigation, 647
 - Value of temporal bone density measurements in otosclerosis patients with normal-appearing computed tomographic scan, 195
- Book Reviews**
 - Adler RK, Hirsch S, Mordaunt M. *Voice and Communication Therapy for the Transgender/Transsexual Client: A Comprehensive Guide*, 712
 - Beleites E, Gudziol H, eds. *Restoring Methods of Functional Defects in Head and Neck*, 712
 - Bluestone CD. *Eustachian Tube. Structure, Function, Role in Otitis Media*, 160
 - Carrau RL, Murry T. *Comprehensive Management of Swallowing Disorders*, 160
 - Colton RH, Casper JK, Leonard R. *Understanding Voice Problems: A Physiological Perspective for Diagnosis and Treatment*, 160
 - Enjolras O, Wassef M, Chapot R. *Color Atlas of Vascular Tumors and Vascular Malformations*, 871
 - Feldman JL. *Neck Lift*, 712
 - Gunter JP, Rohrich RJ, Adams WP, eds. *Dallas Rhinoplasty: Nasal Surgery by the Masters*, 871
 - Hummel T, Welge-Lüssen A. *Taste and Smell. An Update*, 398
 - Merati AL, Bielamowicz SA. *Textbook of Laryngology*, 398
 - Murry T, Carrau RL. *Clinical Management of Swallowing Disorders*, 160
 - Sataloff RT, ed. *Professional Voice: The Science and Art of Clinical Care*, 871
- Botulinum toxin**
 - Comparative neuromuscular histopathology of cricopharyngeal achalasia patients with and without previous botulinum toxin treatment, 375
 - Long-term botulinum toxin dose consistency for treatment of adductor spasmodic dysphonia, 891
 - Successful treatment of autophonia with botulinum toxin: case report, 594
- Branchial cyst**
 - Branchial cyst side predilection: fact or fiction? 112
- Cancer**
 - Duodenal contents reflux-induced laryngitis in rats: possible mechanism of enhancement of causative factors in laryngeal carcinogenesis, 471
 - Foresight in laryngology and laryngeal surgery: 2020 vision, suppl 198
 - Intra-arterial chemotherapy less intensive than RADPLAT with concurrent radiotherapy for resectable advanced head and neck squamous cell carcinoma: prospective study, 754
 - Liposarcoma of larynx, 418
 - Paraneoplastic syndromes in patients with cancer of larynx and hypopharynx, 502
 - Transoral robotic surgery: supraglottic partial laryngectomy, 19
 - Treatment of squamous cell carcinoma of tongue base: irradiation, surgery, or palliation? 92
 - True vocal fold immobility in setting of well-differentiated thyroid carcinoma: unusual illustrative cases and recommendations for operative strategy, 324
- Carcinosarcoma**
 - Carcinosarcoma of parotid gland: report of case with immunohistochemical findings, 702
- Cellulitis**
 - Microbiology of acute sinusitis of odontogenic origin presenting with periorbital cellulitis in children, 386
- Cerebrospinal fluid**
 - Risk of meningitis with cerebrospinal fluid rhinorrhea, 902
- Certification**
 - Editorial. Maintenance of certification: update, 241
- Chemotherapy**
 - Intra-arterial chemotherapy less intensive than RADPLAT with concurrent radiotherapy for resectable advanced head and neck squamous cell carcinoma: prospective study, 754
- Chevalier Jackson Lecture**
 - Chevalier Jackson Lecture 2006. Concepts and culture of innovation, 479
- Cholesteatoma**
 - Differential expression of human beta defensin 2 and human beta defensin 3 in human middle ear cholesteatoma, 235
- Chondromyxoid fibroma**
 - Chondromyxoid fibroma of temporal bone: case report and review of literature, 922
- Chorioallantoic membrane**
 - Chick chorioallantoic membrane as model for simulating human true vocal folds, 917
- Chronic rhinosinusitis**
 - Association of anxiety and depression with reported disease severity in patients undergoing evaluation for chronic rhinosinusitis, 491
 - Intranasal fungi and chronic rhinosinusitis: what is relationship? 425
- Cleft**
 - Optical recording of intrinsic signal from human olfactory cleft, 335
- Cochlear implant**
 - Analysis of intracochlear new bone and fibrous tissue formation in human subjects with cochlear implants, 731
 - Auditory Skills Checklist: clinical tool for monitoring functional auditory skill development in young children with cochlear implants, 812
 - Effects of cochlear implantation on gustatory function, 498
 - In vivo estimates of position of Advanced Bionics electrode arrays in human cochlea, suppl 197
 - Successful cochlear implantation in patient with bilateral progressive sensorineural hearing loss after traumatic sub-

- arachnoid hemorrhage and brain contusion, 897
- Cochlear nerve
 - Isolated cochlear nerve hypoplasia with various internal auditory meatus deformities in children, 520
- Cognitive behavioral therapy
 - Cognitive behavioral therapy for functional dysphonia: pilot study, 717
- Cold dissection
 - Thermal welding versus cold dissection tonsillectomy: prospective, randomized, single-blind study in adult patients, 565
- Collagen
 - Age-related changes in murine larynx: initial validation of mouse model, 618
 - Immuno-scanning electron microscopy of collagen types I and III in human vocal fold lamina propria, 156
- Commentary, 631
- Complication
 - Late displacement of Montgomery thyroplasty implant following endotracheal intubation, 262
 - Streptococcus viridans* has leading role in rhinosinusitis complications, 381
- Compression
 - Is microvascular compression of vestibulocochlear nerve cause of unilateral hearing loss? 248
- Cooling
 - Thermal damage during thulium laser dissection of laryngeal soft tissue is reduced with air cooling: ex vivo calf model study, 853
- Corticosteroid
 - Effects of corticosteroids on expression of interleukin-18 in airway mucosa of mouse model of allergic rhinitis, 76
- Cost
 - Cost savings of unsedated office-based laser surgery for laryngeal papillomas, 45
- Cricoid implant
 - Development of endoscopic arytenoid adduction using cricoid implant, 770
- Cuff
 - Monitoring tracheal tube cuff pressures in intensive care unit: comparison of digital palpation and manometry, 639
- Cyst
 - Branchial cyst side predilection: fact or fiction? 112
 - Prevalence of upper airway tumors and cysts among patients who snore, 842
- Deafness**
 - Commentary, 637
- Deglutition
 - Sleep-related deglutition in children, 747
- Dendritic cell
 - Quantitative analysis of OX62-positive dendritic cell distribution in rat laryngeal complex, 449
- Depression
 - Association of anxiety and depression with reported disease severity in patients undergoing evaluation for chronic rhinosinusitis, 491
- Development
 - Auditory Skills Checklist: clinical tool for monitoring functional auditory skill development in young children with cochlear implants, 812
 - Prenatal vitamin A deficiency causes laryngeal malformation in rats, 785
- DFNA9**
 - Phenotype description of novel DFNA9/*COCH* mutation, 1109T, 349
- Dissection
 - Upper mediastinal node dissection for hypopharyngeal and cervical esophageal carcinomas, 290
- Diverticulum
 - Bilobed Zenker's diverticula, 278
- Drill
 - Drilling simulated temporal bones with left-handed tools: left-hander's right? 819
 - Objective assessment of temporal bone drilling skills, 793
- Drug delivery system
 - Drug delivery system of hepatocyte growth factor for treatment of vocal fold scarring in canine model, 762
- Dysphagia
 - Comparative neuromuscular histopathology of cricopharyngeal achalasia patients with and without previous botulinum toxin treatment, 375
 - Dysphagia after chemoradiation: analysis by modified barium swallow, 837
 - Dysphagia in elderly: preliminary evidence of prevalence, risk factors, and socioemotional effects, 858
 - Transcutaneous neuromuscular electrical stimulation (Vital-Stim) curative therapy for severe dysphagia: myth or reality? 36
 - Videofluoroscopic findings in dysphagic patients with cricopharyngeal dysfunction: before and after open cricopharyngeal myotomy, 49
- Dysphonia
 - Features of muscle tension dysphonia before and after correction of unilateral vocal cord paralysis, 123
 - Is laryngopharyngeal reflux related to functional dysphonia? 24
 - Voice handicap evaluation of patients with pathologic sulcus vocalis, 411
- Early-stage glottic cancer**
 - Treatment of early-stage glottic cancer by transoral laser resection, 832
- Edema
 - Measuring edema in irradiated head and neck cancer patients, 559
- Editorial
 - Maintenance of certification: update, 241
- Education
 - Drilling simulated temporal bones with left-handed tools: left-hander's right? 819
 - Hands-on training methods for vocal fold injection education, 1
 - Management of aerodigestive tract foreign bodies: innovative teaching concepts, 319
 - Objective assessment of temporal bone drilling skills, 793
- Electrode array
 - In vivo estimates of position of Advanced Bionics electrode arrays in human cochlea, suppl 197
- Electromyography
 - Value of laryngeal electromyography in diagnosis of vocal fold immobility, 576
- Endoscopy
 - Development of endoscopic arytenoid adduction using cricoid

- implant, 770
- Endoscopic lysis of anterior glottic webs and silicone keel placement, 211
- Endoscopic management of blunt pediatric laryngeal trauma, 192
- Height and shape of skull base as risk factors for skull base penetration during endoscopic sinus surgery, 199
- Initial surgical treatment for chronic frontal sinusitis: pilot study, 286
- Reliability of pharyngeal squeeze maneuver, 399
- Endotracheal intubation
 - Late displacement of Montgomery thyroplasty implant following endotracheal intubation, 262
- Esmolol
 - Administration of esmolol in microlaryngeal surgery for blunting hemodynamic response during laryngoscopy and tracheal intubation in cigarette smokers, 107
- Esophagus
 - Multilevel esophageal biopsy in children with airway manifestations of extraesophageal reflux disease, 571
- Ethmoid bulla
 - Correlation of bone SPECT scintigraphy with histopathology of ethmoid bulla: preliminary investigation, 647
- Eustachian tube
 - Anatomy of bony portion of eustachian tube in tubal stenosis: multiplanar reconstruction approach, 681
 - Successful treatment of autophonia with botulinum toxin: case report, 594
- Ex vivo model
 - Ex vivo perfused larynx model of phonation: preliminary study, 866
- Excision
 - Transoral "adenoidectomy" excision of juvenile nasopharyngeal angiofibromas, 243
- Extrusion
 - Morphological sequence of Plastipore extrusion in experimental otitis media, 779
- False vocal fold**
 - Aerodynamic and acoustic effects of false vocal folds and epiglottis in excised larynx models, 135
- Fibroma
 - Chondromyxoid fibroma of temporal bone: case report and review of literature, 922
- Fibrous tissue
 - Analysis of intracochlear new bone and fibrous tissue formation in human subjects with cochlear implants, 731
- Fistula
 - H-type congenital tracheoesophageal fistula: University of Iowa experience 1985 to 2005, 363
- Fluoroscopy
 - Videofluoroscopic findings in dysphagic patients with cricopharyngeal dysfunction: before and after open cricopharyngeal myotomy, 49
- Foreign body
 - Management of aerodigestive tract foreign bodies: innovative teaching concepts, 319
 - Role of computed tomography and bronchoscopy in speech prosthesis aspiration, 882
- Frontal sinusitis
 - Initial surgical treatment for chronic frontal sinusitis: pilot study, 286
- Functional dysphonia
 - Cognitive behavioral therapy for functional dysphonia: pilot study, 717
- Fundamental frequency
 - Comparison of fundamental frequency nasalance between trained singers and nonsingers for sung vowels, 739
- Fungus
 - Intranasal fungi and chronic rhinosinusitis: what is relationship? 425
 - Sphenoid sinus fungal balls, 514
- Gardner's syndrome**
 - Paranasal sinus osteomas and Gardner's syndrome, 658
- Gas exchange
 - Directional asymmetry in measured nitrous oxide time constant for middle ear transmucosal gas exchange, 69
- Genetics
 - Aberrant methylation of *HRPT2* gene in parathyroid carcinoma, 928
 - Alström syndrome: progressive deafness and blindness, 281
 - Commentary, 637
 - Dysfunction of recurrent laryngeal nerve and potential of gene therapy, 441
 - Gene therapy for laryngeal paralysis, 115
- Gland
 - Human lung mucous glands manifest evidence of H⁺/K⁺-ATPase proton pump, 229
 - Localization and expression of MUC5B and MUC7 mucins in pediatric sinus mucosa, 389
- Glottis
 - Analysis of human glottal velocity using hot-wire anemometry and high-speed imaging, 342
 - Glottal Function Index: predictor of glottal disorders in children, 81
 - Laryngoscopies in obese: predicting problems and optimizing visualization, 312
- Graft
 - Histopathology of ossicular grafts and implants in chronic otitis media, 181
- Granuloma
 - Granuloma of membranous vocal fold: unusual complication of microlaryngoscopic surgery, 358
- Gustation
 - Effects of cochlear implantation on gustatory function, 498
- Hearing loss**
 - Asymmetric hearing loss in random population of patients with mild to moderate sensorineural hearing loss, 7
 - Autoimmune sensorineural hearing loss, 875 (Annals Classic)
- Hearing rehabilitation
 - Results, hearing rehabilitation, and follow-up with magnetic resonance imaging after tympanomastoid exenteration, obliteration, and external canal overclosure for severe chronic otitis media, 705
- Hemangiopericytoma
 - Solitary fibrous tumors in head and neck: new insights and implications for diagnosis and treatment, 265
- Hemorrhage
 - Successful cochlear implantation in patient with bilateral progressive sensorineural hearing loss after traumatic subarachnoid hemorrhage and brain contusion, 897
 - Tonsillectomy in anticoagulated patient, 589

- Hepatocyte growth factor
Drug delivery system of hepatocyte growth factor for treatment of vocal fold scarring in canine model, 762
- High-speed imaging
Analysis of human glottal velocity using hot-wire anemometry and high-speed imaging, 342
- Hoarseness
Glottal Function Index: predictor of glottal disorders in children, 81
- Hot-wire anemometry
Analysis of human glottal velocity using hot-wire anemometry and high-speed imaging, 342
- H-type fistula
H-type congenital tracheoesophageal fistula: University of Iowa experience 1985 to 2005, 363
- Human leukocyte antigen
Polymorphism between loci for human leukocyte antigens DR and DQ in patients with nasal polyps, 66
- Hyaluronan
Injectable form of cross-linked hyaluronan is effective for middle ear wound healing, 667
- Hypoglossal-facial nerve anastomosis
Hypoglossal-facial nerve anastomosis: meta-analytic study, 542
- Hypoplasia
Isolated cochlear nerve hypoplasia with various internal auditory meatus deformities in children, 520
- Idiopathic sudden sensorineural hearing loss**
Intratympanic steroids for idiopathic sudden sensorineural hearing loss, 253
- Imaging Case Study
Large jugular bulb diverticulum invading internal auditory canal, 631
- Immobility
True vocal fold immobility in setting of well-differentiated thyroid carcinoma: unusual illustrative cases and recommendations for operative strategy, 324
Value of laryngeal electromyography in diagnosis of vocal fold immobility, 576
- Immunocompetency
Immunocompetency in children with recurrent respiratory papillomatosis: prospective study, 169
- Immuno-scanning electron microscopy
Immuno-scanning electron microscopy of collagen types I and III in human vocal fold lamina propria, 156
- Implant
Eye movements in response to electric stimulation of human posterior ampullary nerve, 369
Histopathology of ossicular grafts and implants in chronic otitis media, 181
In vivo estimates of position of Advanced Bionics electrode arrays in human cochlea, suppl 197
- Infarction
Bilateral sudden profound hearing loss and vertigo as unique manifestation of bilateral symmetric inferior pontine infarctions, 407
- Innovation
Chevalier Jackson Lecture 2006. Concepts and culture of innovation, 479
- Interleukin
Effects of corticosteroids on expression of interleukin-18 in airway mucosa of mouse model of allergic rhinitis, 76
- Internal auditory canal
Isolated cochlear nerve hypoplasia with various internal auditory meatus deformities in children, 520
Large jugular bulb diverticulum invading internal auditory canal, 631
- Intracranial involvement
Giant basal cell carcinoma of forehead with extensive intracranial involvement, 663
- Intubation
Administration of esmolol in microlaryngeal surgery for blunting hemodynamic response during laryngoscopy and tracheal intubation in cigarette smokers, 107
- Invasion
Giant basal cell carcinoma of forehead with extensive intracranial involvement, 663
Invasive tracheal aspergillosis treated successfully with voriconazole: clinical report and review of literature, 713
- Inverted papilloma
Clinical and pathological analysis of recurrent inverted papilloma, 297
- Jackson Lecture**
Chevalier Jackson Lecture 2006. Concepts and culture of innovation, 479
- Jugular bulb diverticulum
Large jugular bulb diverticulum invading internal auditory canal, 631
- Juvenile nasopharyngeal angiofibroma
Transoral "adenoidectomy" excision of juvenile nasopharyngeal angiofibromas, 243
- Keel**
Endoscopic lysis of anterior glottic webs and silicone keel placement, 211
- Kymography
Strobokymographic and videostroboscopic analysis of vocal fold motion in unilateral superior laryngeal nerve paralysis, 85
Videokymography in voice disorders: what to look for? 172
- Lamina propria**
Immuno-scanning electron microscopy of collagen types I and III in human vocal fold lamina propria, 156
- Large vestibular aqueduct syndrome
Clinical investigation and mechanism of air-bone gaps in large vestibular aqueduct syndrome, 532
- Laryngeal electromyography
Value of laryngeal electromyography in diagnosis of vocal fold immobility, 576
- Laryngectomy
Bilabial contact pressure and oral air pressure during tracheoesophageal speech, 304
Role of computed tomography and bronchoscopy in speech prosthesis aspiration, 882
Transoral robotic surgery: supraglottic partial laryngectomy, 19
- Laryngitis
Duodenal contents reflux-induced laryngitis in rats: possible mechanism of enhancement of causative factors in laryngeal carcinogenesis, 471

- Laryngology**
 Foresight in laryngology and laryngeal surgery: 2020 vision, suppl 198
- Laryngomalacia**
 Etiology of stridor in infants, 329
- Laryngopharyngeal reflux**
 Receptor-mediated uptake of pepsin by laryngeal epithelial cells, 934
 Reflux Symptom Index versus Reflux Finding Score, 436
- Laryngopharyngeal sensory discrimination threshold**
 Intraobserver and interobserver reliability in laryngopharyngeal sensory discrimination thresholds: pilot study, 582
- Laryngoscopy**
 Administration of esmolol in microlaryngeal surgery for blunting hemodynamic response during laryngoscopy and tracheal intubation in cigarette smokers, 107
 Laryngoscopies in obese: predicting problems and optimizing visualization, 312
 Prediction of difficult laryngoscopy: does obesity play role? 799
 Videokymography in voice disorders: what to look for? 172
- Laryngotracheal stenosis**
 Risk factors for adult laryngotracheal stenosis: review of 74 cases, 206
- Larynx**
 Liposarcoma of larynx, 418
 Noninvasive assessment of benign lesions of vocal folds by means of ultrasonography, 827
 Paraneoplastic syndromes in patients with cancer of larynx and hypopharynx, 502
- Laser**
 Cost savings of unsedated office-based laser surgery for laryngeal papillomas, 45
 Thermal damage during thulium laser dissection of laryngeal soft tissue is reduced with air cooling: ex vivo calf model study, 853
 Transoral approach to laser thyroarytenoid myoneurectomy for treatment of adductor spasmodic dysphonia: short-term results, 11
 Treatment of early-stage glottic cancer by transoral laser resection, 832
- Letters to the Editor, 317**
- Light**
 Preliminary evaluation of stroboscopy system using multiple light sources for observation of pathological vocal fold oscillatory pattern, 687
- Lipocalin**
 Expression of neutrophil gelatinase-associated lipocalin in human salivary glands, 599
- Liposarcoma**
 Liposarcoma of larynx, 418
- Lung**
 Human lung mucous glands manifest evidence of H⁺/K⁺-ATPase proton pump, 229
- Lymphoma**
 Multifocal extranodal mucosa-associated lymphoid tissue lymphoma affecting larynx, 257
- Malformation**
 Prenatal vitamin A deficiency causes laryngeal malformation in rats, 785
- Mass psychogenic illness**
 Mass psychogenic illness presenting as acute stridor in adolescent female cohort, 525
- McCabe, Brian F., MD, 1926-2007, 873**
- Mediastinum**
 Upper mediastinal node dissection for hypopharyngeal and cervical esophageal carcinomas, 290
- Memorial, 873**
- Meningitis**
 Risk of meningitis with cerebrospinal fluid rhinorrhea, 902
- Methylation**
 Aberrant methylation of *HRPT2* gene in parathyroid carcinoma, 928
- Microbiology**
 Microbiology of acute sinusitis of odontogenic origin presenting with periorbital cellulitis in children, 386
- Microlaryngoscopy**
 Granuloma of membranous vocal fold: unusual complication of microlaryngoscopic surgery, 358
- Microvascular compression**
 Is microvascular compression of vestibulocochlear nerve cause of unilateral hearing loss? 248
- Middle ear**
 Differential expression of human beta defensin 2 and human beta defensin 3 in human middle ear cholesteatoma, 235
 Directional asymmetry in measured nitrous oxide time constant for middle ear transmucosal gas exchange, 69
 Posterior sinus of middle ear, 457
- Model**
 Age-related changes in murine larynx: initial validation of mouse model, 618
 Chick chorioallantoic membrane as model for simulating human true vocal folds, 917
 Directional asymmetry in measured nitrous oxide time constant for middle ear transmucosal gas exchange, 69
 Ex vivo perfused larynx model of phonation: preliminary study, 866
 Vortical flow field during phonation in excised canine larynx model, 217
- Mucin**
 Localization and expression of MUC5B and MUC7 mucins in pediatric sinus mucosa, 389
- Mucosa-associated lymphoid tissue**
 Multifocal extranodal mucosa-associated lymphoid tissue lymphoma affecting larynx, 257
- Multiplanar reconstruction**
 Anatomy of bony portion of eustachian tube in tubal stenosis: multiplanar reconstruction approach, 681
- Muscle**
 Adductor spasmodic dysphonia versus muscle tension dysphonia: examining diagnostic value of recurrent laryngeal nerve lidocaine block, 161
 Comparative neuromuscular histopathology of cricopharyngeal achalasia patients with and without previous botulinum toxin treatment, 375
 Myosin heavy chain composition and fiber size of cricopharyngeus muscle in patients with achalasia and normal subjects, 643
 Neuromuscular specializations within human pharyngeal constrictor muscles, 604
 Somatic modulation of tinnitus: test reliability and results after repetitive muscle contraction training, 30

Mutation

Phenotype description of novel DFNA9/*COCH* mutation, 1109T, 349

Myoneurectomy

Transoral approach to laser thyroarytenoid myoneurectomy for treatment of adductor spasmodic dysphonia: short-term results, 11

Myosin

Myosin heavy chain composition and fiber size of cricopharyngeus muscle in patients with achalasia and normal subjects, 643

Nasal cavity

Acoustic rhinometry in healthy humans: accuracy of area estimates and ability to quantify certain anatomic structures in nasal cavity, 906

Nasalance

Comparison of fundamental frequency nasalance between trained singers and nonsingers for sung vowels, 739

Nasopharynx

Critical look at surgical approaches of nasopharyngeal angiofibroma excision and "total maxillary swing" as possible alternative, 723

Nerve

Adductor spasmodic dysphonia versus muscle tension dysphonia: examining diagnostic value of recurrent laryngeal nerve lidocaine block, 161

Artificial voice modulation in dogs by recurrent laryngeal nerve stimulation: electrophysiological confirmation of anatomic data, 145

Dysfunction of recurrent laryngeal nerve and potential of gene therapy, 441

Gene therapy for laryngeal paralysis, 115

Hypoglossal-facial nerve anastomosis: meta-analytic study, 542

Is microvascular compression of vestibulocochlear nerve cause of unilateral hearing loss? 248

Neuromuscular specializations within human pharyngeal constrictor muscles, 604

Nimodipine improves reinnervation and neuromuscular function after injury to recurrent laryngeal nerve in rat, 623

Spontaneous laryngeal reinnervation after recurrent laryngeal or vagus nerve injury, 57

Strobokymographic and videostroboscopic analysis of vocal fold motion in unilateral superior laryngeal nerve paralysis, 85

Transcutaneous neuromuscular electrical stimulation (Vital-Stim) curative therapy for severe dysphagia: myth or reality? 36

Neutrophil gelatinase

Expression of neutrophil gelatinase-associated lipocalin in human salivary glands, 599

Nimodipine

Nimodipine improves reinnervation and neuromuscular function after injury to recurrent laryngeal nerve in rat, 623

Node

Upper mediastinal node dissection for hypopharyngeal and cervical esophageal carcinomas, 290

Obesity

Laryngoscopies in obese: predicting problems and optimizing visualization, 312

Prediction of difficult laryngoscopy: does obesity play role? 799

Obituary

Memorial, 873

Obstruction

Etiology of stridor in infants, 329

Prevalence of upper airway tumors and cysts among patients who snore, 842

Obstructive sleep apnea syndrome

Effect of uvulopalatopharyngoplasty on work of breathing during wakefulness in obstructive sleep apnea syndrome, 271

Impact of treatment of gastroesophageal reflux on obstructive sleep apnea-hypopnea syndrome, 805

Olfaction

Optical recording of intrinsic signal from human olfactory cleft, 335

Optical recording

Optical recording of intrinsic signal from human olfactory cleft, 335

Oscillatory pattern

Preliminary evaluation of stroboscopy system using multiple light sources for observation of pathological vocal fold oscillatory pattern, 687

Osteoma

Paranasal sinus osteomas and Gardner's syndrome, 658

Otitis media

Anatomy of bony portion of eustachian tube in tubal stenosis: multiplanar reconstruction approach, 681

Histopathology of ossicular grafts and implants in chronic otitis media, 181

Morphological sequence of Plastipore extrusion in experimental otitis media, 779

Results, hearing rehabilitation, and follow-up with magnetic resonance imaging after tympanomastoid exenteration, obliteration, and external canal overclosure for severe chronic otitis media, 705

Otoconia

Benign paroxysmal positional vertigo in mountain bikers, 887

Otosclerosis

Value of temporal bone density measurements in otosclerosis patients with normal-appearing computed tomographic scan, 195

OX62 antigen

Quantitative analysis of OX62-positive dendritic cell distribution in rat laryngeal complex, 449

Packing

Injectable form of cross-linked hyaluronan is effective for middle ear wound healing, 667

Palliation

Treatment of squamous cell carcinoma of tongue base: irradiation, surgery, or palliation? 92

Papilloma

Clinical and pathological analysis of recurrent inverted papilloma, 297

Cost savings of unsedated office-based laser surgery for laryngeal papillomas, 45

Immunocompetency in children with recurrent respiratory papillomatosis: prospective study, 169

Preoperative staging and surgical approaches for sinonasal inverted papilloma, 674

Paralysis

- Arytenoid abduction for dynamic rehabilitation of bilateral laryngeal paralysis, 483
- Dysfunction of recurrent laryngeal nerve and potential of gene therapy, 441
- Features of muscle tension dysphonia before and after correction of unilateral vocal cord paralysis, 123
- Gene therapy for laryngeal paralysis, 115
- Strobokymographic and videostroboscopic analysis of vocal fold motion in unilateral superior laryngeal nerve paralysis, 85

Paraneoplastic syndrome

- Paraneoplastic syndromes in patients with cancer of larynx and hypopharynx, 502

Parathyroid carcinoma

- Aberrant methylation of *HRPT2* gene in parathyroid carcinoma, 928

Parotid gland

- Carcinosarcoma of parotid gland: report of case with immunohistochemical findings, 702

Pediatric population

- Relationship between sinusitis and adenoid size in pediatric age group, 550

Pepsin

- Receptor-mediated uptake of pepsin by laryngeal epithelial cells, 934

Pharynx

- Is laryngopharyngeal reflux related to functional dysphonia? 24
- Neuromuscular specializations within human pharyngeal constrictor muscles, 604
- Reliability of pharyngeal squeeze maneuver, 399

Phenotype

- Phenotype description of novel *DFNA9/COCH* mutation, I109T, 349

Phonation

- Aerodynamic and acoustic effects of false vocal folds and epiglottis in excised larynx models, 135
- Artificial voice modulation in dogs by recurrent laryngeal nerve stimulation: electrophysiological confirmation of anatomic data, 145
- Ex vivo perfused larynx model of phonation: preliminary study, 866
- Numerical analysis of effects of transglottal pressure change on fundamental frequency of phonation, 128
- Vortical flow field during phonation in excised canine larynx model, 217

Phonosurgery

- Upper displacement of anterior commissure: experimental study of new phonosurgical approach to raising vocal pitch, 462

Plastipore

- Morphological sequence of Plastipore extrusion in experimental otitis media, 779

Polymorphism

- Polymorphism between loci for human leukocyte antigens DR and DQ in patients with nasal polyps, 66

Polyp

- Polymorphism between loci for human leukocyte antigens DR and DQ in patients with nasal polyps, 66

Posterior sinus

- Posterior sinus of middle ear, 457

Posture

- Contribution of vision to balance in children four to eight years of age, 653

Prediction

- Prediction of difficult laryngoscopy: does obesity play role? 799

Pressure

- Bilabial contact pressure and oral air pressure during tracheo-esophageal speech, 304
- Monitoring tracheal tube cuff pressures in intensive care unit: comparison of digital palpation and manometry, 639

Prosthesis

- Eye movements in response to electric stimulation of human posterior ampullary nerve, 369
- Role of computed tomography and bronchoscopy in speech prosthesis aspiration, 882

Protease-activated receptor 2

- Up-regulation of protease-activated receptor 2 in allergic rhinitis, 554

Proton pump

- Human lung mucous glands manifest evidence of H⁺/K⁺-ATPase proton pump, 229

Psychogenic illness

- Mass psychogenic illness presenting as acute stridor in adolescent female cohort, 525

Psychometry

- Psychological, neural, endocrine, and immune study of stress in tinnitus patients: any correlation between psychometric and biochemical measures? 100

Quality of life

- Creation and validation of Singing Voice Handicap Index, 402

Radiotherapy

- Dysphagia after chemoradiation: analysis by modified barium swallow, 837
- Intra-arterial chemotherapy less intensive than RADPLAT with concurrent radiotherapy for resectable advanced head and neck squamous cell carcinoma: prospective study, 754
- Measuring edema in irradiated head and neck cancer patients, 559

Recurrent respiratory papillomatosis

- Immunocompetency in children with recurrent respiratory papillomatosis: prospective study, 169

Reflux

- Duodenal contents reflux-induced laryngitis in rats: possible mechanism of enhancement of causative factors in laryngeal carcinogenesis, 471
- Impact of treatment of gastroesophageal reflux on obstructive sleep apnea-hypopnea syndrome, 805
- Is laryngopharyngeal reflux related to functional dysphonia? 24
- Multilevel esophageal biopsy in children with airway manifestations of extraesophageal reflux disease, 571
- Receptor-mediated uptake of pepsin by laryngeal epithelial cells, 934
- Reflux Symptom Index versus Reflux Finding Score, 436

Regeneration

- Side population cells in human vocal fold, 847

Reinnervation

- Nimodipine improves reinnervation and neuromuscular function after injury to recurrent laryngeal nerve in rat, 623

- Spontaneous laryngeal reinnervation after recurrent laryngeal or vagus nerve injury, 57
- Rhinitis
 - Up-regulation of protease-activated receptor 2 in allergic rhinitis, 554
- Rhinometry
 - Acoustic rhinometry in healthy humans: accuracy of area estimates and ability to quantify certain anatomic structures in nasal cavity, 906
- Rhinorrhea
 - Risk of meningitis with cerebrospinal fluid rhinorrhea, 902
- Rhinosinusitis
 - Intranasal fungi and chronic rhinosinusitis: what is relationship? 425
- Risk factor
 - Height and shape of skull base as risk factors for skull base penetration during endoscopic sinus surgery, 199
 - Risk factors for adult laryngotracheal stenosis: review of 74 cases, 206
- Robotics
 - Transoral robotic surgery: supraglottic partial laryngectomy, 19
- Salivary gland
 - Expression of neutrophil gelatinase-associated lipocalin in human salivary glands, 599
- Sarcoma
 - Carcinosarcoma of parotid gland: report of case with immunohistochemical findings, 702
- Scar
 - Drug delivery system of hepatocyte growth factor for treatment of vocal fold scarring in canine model, 762
- Sensorineural hearing loss
 - Asymmetric hearing loss in random population of patients with mild to moderate sensorineural hearing loss, 7
 - Autoimmune sensorineural hearing loss, 875 (Annals Classic)
 - Successful cochlear implantation in patient with bilateral progressive sensorineural hearing loss after traumatic subarachnoid hemorrhage and brain contusion, 897
- Sensory testing
 - Intraobserver and interobserver reliability in laryngopharyngeal sensory discrimination thresholds: pilot study, 582
- Side effect
 - Measuring edema in irradiated head and neck cancer patients, 559
- Side population cell
 - Side population cells in human vocal fold, 847
- Side predilection
 - Branchial cyst side predilection: fact or fiction? 112
- Simulation
 - Management of aerodigestive tract foreign bodies: innovative teaching concepts, 319
- Singing
 - Creation and validation of Singing Voice Handicap Index, 402
- Sinus
 - Clinical and pathological analysis of recurrent inverted papilloma, 297
 - Initial surgical treatment for chronic frontal sinusitis: pilot study, 286
 - Localization and expression of MUC5B and MUC7 mucins in pediatric sinus mucosa, 389
 - Microbiology of acute sinusitis of odontogenic origin presenting with periorbital cellulitis in children, 386
 - Paranasal sinus osteomas and Gardner's syndrome, 658
 - Posterior sinus of middle ear, 457
 - Preoperative staging and surgical approaches for sinonasal inverted papilloma, 674
 - Relationship between sinusitis and adenoid size in pediatric age group, 550
 - Sphenoid sinus fungal balls, 514
 - Streptococcus viridans* has leading role in rhinosinusitis complications, 381
- Skull base
 - Height and shape of skull base as risk factors for skull base penetration during endoscopic sinus surgery, 199
- Sleep
 - Impact of treatment of gastroesophageal reflux on obstructive sleep apnea-hypopnea syndrome, 805
 - Sleep-related deglutition in children, 747
- Snoring
 - Prevalence of upper airway tumors and cysts among patients who snore, 842
- Solitary fibrous tumor
 - Solitary fibrous tumors in head and neck: new insights and implications for diagnosis and treatment, 265
- Somatic modulation
 - Somatic modulation of tinnitus: test reliability and results after repetitive muscle contraction training, 30
- Spasmodic dysphonia
 - Adductor spasmodic dysphonia versus muscle tension dysphonia: examining diagnostic value of recurrent laryngeal nerve lidocaine block, 161
 - Effect of experience on judgments of adductor spasmodic dysphonia, 695
 - Long-term botulinum toxin dose consistency for treatment of adductor spasmodic dysphonia, 891
 - Transoral approach to laser thyroarytenoid myoneurectomy for treatment of adductor spasmodic dysphonia: short-term results, 11
- SPECT
 - Correlation of bone SPECT scintigraphy with histopathology of ethmoid bulla: preliminary investigation, 647
- Sphenoid sinus
 - Sphenoid sinus fungal balls, 514
- Spontaneous reinnervation
 - Spontaneous laryngeal reinnervation after recurrent laryngeal or vagus nerve injury, 57
- Staging
 - Preoperative staging and surgical approaches for sinonasal inverted papilloma, 674
- Stem cell
 - Side population cells in human vocal fold, 847
- Stenosis
 - Risk factors for adult laryngotracheal stenosis: review of 74 cases, 206
 - Role of vascular endothelial growth factor A in children with acquired airway stenosis, 430
- Steroids
 - Intratympanic steroids for idiopathic sudden sensorineural hearing loss, 253
- Streptococcus viridans*
 - Streptococcus viridans* has leading role in rhinosinusitis com-

- plications, 381
- Stress**
 - Psychological, neural, endocrine, and immune study of stress in tinnitus patients: any correlation between psychometric and biochemical measures? 100
- Stridor**
 - Etiology of stridor in infants, 329
 - Mass psychogenic illness presenting as acute stridor in adolescent female cohort, 525
- Stroboscopy**
 - Preliminary evaluation of stroboscopy system using multiple light sources for observation of pathological vocal fold oscillatory pattern, 687
- Sudden hearing loss**
 - Bilateral sudden profound hearing loss and vertigo as unique manifestation of bilateral symmetric inferior pontine infarctions, 407
 - Intratympanic steroids for idiopathic sudden sensorineural hearing loss, 253
- Sulcus vocalis**
 - Voice handicap evaluation of patients with pathologic sulcus vocalis, 411
- Swallowing**
 - Dysphagia after chemoradiation: analysis by modified barium swallow, 837
 - Dysphagia in elderly: preliminary evidence of prevalence, risk factors, and socioemotional effects, 858
 - Intraobserver and interobserver reliability in laryngopharyngeal sensory discrimination thresholds: pilot study, 582
 - Reliability of pharyngeal squeeze maneuver, 399
 - Sleep-related deglutition in children, 747
 - Videofluoroscopic finding in dysphagic patients with cricopharyngeal dysfunction: before and after open cricopharyngeal myotomy, 49
- Symptom**
 - Reflux Symptom Index versus Reflux Finding Score, 436
- Taste**
 - Effects of cochlear implantation on gustatory function, 498
- Temporal bone**
 - Chondromyxoid fibroma of temporal bone: case report and review of literature, 922
 - Drilling simulated temporal bones with left-handed tools: left-hander's right? 819
 - Objective assessment of temporal bone drilling skills, 793
 - Value of temporal bone density measurements in otosclerosis patients with normal-appearing computed tomographic scan, 195
- Thermal welding**
 - Thermal welding versus cold dissection tonsillectomy: prospective, randomized, single-blind study in adult patients, 565
- Thulium laser**
 - Thermal damage during thulium laser dissection of laryngeal soft tissue is reduced with air cooling: ex vivo calf model study, 853
- Thyroplasty**
 - Late displacement of Montgomery thyroplasty implant following endotracheal intubation, 262
- Tinnitus**
 - Psychological, neural, endocrine, and immune study of stress in tinnitus patients: any correlation between psychometric and biochemical measures? 100
 - Somatic modulation of tinnitus: test reliability and results after repetitive muscle contraction training, 30
- Tongue**
 - Treatment of squamous cell carcinoma of tongue base: irradiation, surgery, or palliation? 92
- Tonsil**
 - Solitary fibrous tumors in head and neck: new insights and implications for diagnosis and treatment, 265
 - Thermal welding versus cold dissection tonsillectomy: prospective, randomized, single-blind study in adult patients, 565
 - Tonsillectomy in anticoagulated patient, 589
- Total maxillary swing**
 - Critical look at surgical approaches of nasopharyngeal angiofibroma excision and "total maxillary swing" as possible alternative, 723
- Trachea**
 - Monitoring tracheal tube cuff pressures in intensive care unit: comparison of digital palpation and manometry, 639
- Tracheoesophageal fistula**
 - H-type congenital tracheoesophageal fistula: University of Iowa experience 1985 to 2005, 363
- Tracheoesophageal speech**
 - Bilabial contact pressure and oral air pressure during tracheoesophageal speech, 304
- Training**
 - Hands-on training methods for vocal fold injection education, 1
- Transglottal pressure**
 - Numerical analysis of effects of transglottal pressure change on fundamental frequency of phonation, 128
- Transoral laser resection**
 - Treatment of early-stage glottic cancer by transoral laser resection, 832
- Transplantation**
 - Quantitative analysis of OX62-positive dendritic cell distribution in rat laryngeal complex, 449
- Trauma**
 - Endoscopic management of blunt pediatric laryngeal trauma, 192
- Tympanomastoid exenteration**
 - Results, hearing rehabilitation, and follow-up with magnetic resonance imaging after tympanomastoid exenteration, obliteration, and external canal overclosure for severe chronic otitis media, 705
- Ultrasonography**
 - Noninvasive assessment of benign lesions of vocal folds by means of ultrasonography, 827
- Uvulopalatopharyngoplasty**
 - Effect of uvulopalatopharyngoplasty on work of breathing during wakefulness in obstructive sleep apnea syndrome, 271
- Vascular endothelial growth factor A**
 - Role of vascular endothelial growth factor A in children with acquired airway stenosis, 430
- Vascular loop**
 - Vascular loop as cause of vertigo, 880 (Annals Classic)
- Vertigo**
 - Benign paroxysmal positional vertigo in mountain bikers, 887

- Bilateral sudden profound hearing loss and vertigo as unique manifestation of bilateral symmetric inferior pontine infarctions, 407
- Vascular loop as cause of vertigo, 880 (*Annals Classic*)
- Vestibular system
 - Clinical investigation and mechanism of air-bone gaps in large vestibular aqueduct syndrome, 532
 - Eye movements in response to electric stimulation of human posterior ampullary nerve, 369
- Vision
 - Contribution of vision to balance in children four to eight years of age, 653
- VitalStim therapy
 - Transcutaneous neuromuscular electrical stimulation (VitalStim) curative therapy for severe dysphagia: myth or reality? 36
- Vitamin A
 - Prenatal vitamin A deficiency causes laryngeal malformation in rats, 785
- Vocal fold
 - Chick chorioallantoic membrane as model for simulating human true vocal folds, 917
 - Granuloma of membranous vocal fold: unusual complication of microlaryngoscopic surgery, 358
 - Hands-on training methods for vocal fold injection education, 1
 - True vocal fold immobility in setting of well-differentiated thyroid carcinoma: unusual illustrative cases and recommendations for operative strategy, 324
- Voice
 - Aerodynamic and acoustic effects of false vocal folds and epiglottis in excised larynx models, 135
 - Artificial voice modulation in dogs by recurrent laryngeal nerve stimulation: electrophysiological confirmation of anatomic data, 145
 - Cognitive behavioral therapy for functional dysphonia: pilot study, 717
 - Comparison of fundamental frequency nasalance between trained singers and nonsingers for sung vowels, 739
 - Creation and validation of Singing Voice Handicap Index, 402
 - Effect of experience on judgments of adductor spasmodic dysphonia, 695
 - Features of muscle tension dysphonia before and after correction of unilateral vocal cord paralysis, 123
 - Foresight in laryngology and laryngeal surgery: 2020 vision, suppl 198
 - Glottal Function Index: predictor of glottal disorders in children, 81
 - Numerical analysis of effects of transglottal pressure change on fundamental frequency of phonation, 128
 - Upper displacement of anterior commissure: experimental study of new phonosurgical approach to raising vocal pitch, 462
 - Videokymography in voice disorders: what to look for? 172
 - Voice handicap evaluation of patients with pathologic sulcus vocalis, 411
- Voriconazole
 - Invasive tracheal aspergillosis treated successfully with voriconazole: clinical report and review of literature, 713
- Vortical flow field
 - Vortical flow field during phonation in excised canine larynx model, 217
- Web**
 - Endoscopic lysis of anterior glottic webs and silicone keel placement, 211
- Work of breathing
 - Effect of uvulopalatopharyngoplasty on work of breathing during wakefulness in obstructive sleep apnea syndrome, 271
- Wound healing
 - Injectable form of cross-linked hyaluronan is effective for middle ear wound healing, 667
- Zenker's diverticulum**
 - Bilobed Zenker's diverticula, 278

